

## Dryden Research Library Newsletter

### August 2001

**Dryden Research Library** is located in Bldg. 4800 Room 2412.

Check out our home page: <http://www.dfrc.nasa.gov/organizations/Library/index.html>.

For any of your library needs please contact via email or call:

Barbara Rogers at ext. 3702 or Sylvia Ciccirelli at ext. 3127.

### FOR YOUR INFORMATION:

Cheryl Logan has left the library on July 27, 2001. She has accepted a new position with the Air Force at the AFFTC Library. We wish her the best at her new job. She would like to pass on that she has enjoyed working with each one of you and will miss the many friends she has made. Sylvia Ciccirelli will be replacing her. If you need any assistance please contact Barbara Rogers at ext. 3702, email [barbara.rogers@dfrc.nasa.gov](mailto:barbara.rogers@dfrc.nasa.gov) or Sylvia Ciccirelli at ext. 3127, email [sylvia.ciccirelli@dfrc.nasa.gov](mailto:sylvia.ciccirelli@dfrc.nasa.gov).

Dryden has now access to over 400 electronic journals via the AIAA, Science Direct and IEEE/IEE portals on the Research Library home page. Many NASA Wide Standards are available from IEEE/IEE as well as the NASA Standards Home Page portal. The Scanning Project has populated the Dryden Technical Report Server with nearly 400 older Dryden reports in pdf format going back to 1988. All this information can be downloaded directly to your desktop.

### New Books

The Library has received several new books:

TL540 .W7 A25 2000 [The Published Writings Of Wilbur And Orville Wright](#) by Wright, Wilbur;  
TL685.3 .L67 1995 [Fighter Pilot,s Heaven: Flight Testing The Early Jets](#) by Lopez, Donald S.;  
TL716 .S42 1990 [Basic Helicopter Aerodynamics](#) by Seddon, J.;  
TL788.5 .C67 1999 [Aiming For The Stars: The Dreamers And Doers Of The Space Age](#) by Crouch, Tom D.;  
TL789.8 .U5 M338 1997 [Space And The American Imagination](#) by McCurdy, Howard E.  
AG243 .G87 2000 [The Guinness Book Of World Records;](#)  
AS6 .D47 1990 [Organizing Special Events And Conferences A Practical Guide For Busy Volunteers And Staff](#) by Devney, Darcy Campion;  
AY67 .N5 W92 2000 HD31 [The World Almanac And Book Of Facts;](#)  
GT3405 .C66 1999 [Gala! The Special Event Planner For Professionals And Volunteers](#) by Coons, Patricia;  
HD69 .T54 B56 1989 [The One Minute Manager Meets The Monkey](#) by Blanchard, Kenneth;  
HN90 .V64 M67 1994 [Leadership Skills: Developing Volunteers For Organization Success](#) by Morrison, Emily K.;  
QA76.87 .K65 2001 [Self-Organizing Maps](#) by Kohonen, Teuvo;  
QA457 .S7 [Solid Geometry](#) Smith, Rolland R. and Ulrich, James F.;  
QA471 .S42 1962 [Lectures In Projective Geometry](#) by Seidenberg A.;  
QC174.12 F44 1966 [Notes On Quantum Mechanics: A Course Given By Enrico Fermi At The University Of Chicago](#) by Fermi, Enrico;  
QD8.5 .M34 [How To Find Chemical Information: A Guide For Practicing Chemists, Teachers, And Students](#) by Maizell, Robert Edward;  
QD39.3 .E46 J63 [Numerical Methods In Chemistry](#) by Johnson, K. Jeffrey;  
QD39.3 .M3 [Mathematical And Computational Concepts In Chemistry;](#)  
QD75.2 .P3 1980 [Basic Analytical Chemistry](#) by Pataki, L.and Zapp, E.;  
QC981.8 .C5 G87 1993 [Atlas Of Satellite Observations Related To Global Change](#) by Gurney, R. J.;  
QD51 .S88 1971 [CRC Handbook Of Laboratory Safety](#) by Steere, Norman V.;  
TK7815 .B76 [Electronics: A Textbook For Students In Science And Engineering](#) by Brown, Thomas Benjamin;  
TL540.V67 G67 1992 [The Universal Man: Theodore von Karmans Life In Aeronautics](#) by Gorn, Michael H.;

### PAPERS BY DRYDEN AUTHORS

NASA/TM-2001-210395, July 2001 The F-15B Propulsion Flight Test Fixture: A New Flight Facility for Propulsion Research by Corda, Stephen, M. Jake Vachon, Nathan Palumbo, Corey Diebler, Ting Tseng, Anthony Ginn and David Richwine,

## THIS MONTH IN HISTORY

[Aug. 20, 1947](#) - D-558-1 established world speed record of 640.7 miles per hour.

[Aug. 23, 1954](#) - Joe Walker made first of 20 NACA research flights in the X-3 "Flying Stiletto" research program.

[Aug. 27, 1956](#) - NACA research pilot Joe Walker made first NACA flight in an F-104A aircraft (the number seven F-104 aircraft off the assembly line).

[Aug. 22, 1963](#) - Joe Walker flew the X-15 to unofficial world altitude record of 354,200 feet.

[Aug. 1974](#) - A Boeing 747 (tail number 905) was used for the first time in the wake vortex research program to study ways of reducing the turbulence trailing behind large aircraft before the 747 was sent to Boeing for modification as a future Shuttle Carrier Aircraft.

[Aug. 5, 1975](#) - NASA pilot John Manke landed X-24B lifting body on the Edwards runway, showing that a space shuttle-like vehicle could be landed safely on a designated runway after returning from orbit.

[Aug. 14, 1991](#) - First all-NASA SR-71 flight with research pilots Steve Ishmael and Rogers Smith in the cockpit. It was the first Mach 3 mission flown at Dryden since the last YF-12 flight Oct. 31, 1979.

[Aug. 3, 1994](#) - Sixth and last Pegasus® mission using NASA's B-52 "008" as the launch vehicle was successful. Future airborne launches to be with an L-1011 owned and operated by Pegasus® developer, Orbital Sciences Corp.

[Aug. 4, 1994](#) - X-31 logged 438th flight, new record for experimental aircraft. Record holder had been X-29, set on its last flight in 1992.

[Aug. 11, 1995](#) - CV-990 LSRA completed study of space shuttle landing gear, with a total of 155 research flights. Final tests subjected orbiter wheels to total failure modes on the lakebed surface and a concrete runway at Edwards.

[Aug. 29, 1995](#) - Aided by NASA-developed propulsion controlled aircraft (PCA) system, a McDonnell-Douglas MD-11 made first-ever, safe landings of an actual transport aircraft using only engine power for control.

[Aug 6, 1998](#) - NASA's remotely piloted Pathfinder-Plus solar-powered aircraft flew to a record altitude of 80,285 feet above Kaua'i in the Hawaiian Islands following a long ascent.